

ABSTRACT

The present invention relates to a dishwasher. The dishwasher comprises a case; a rack installed in the case for accommodating the dishes; a spray arm installed below the rack for spraying washing water; a combined circulation/drain pump including an upper pump for repeatedly pressurizing and supplying the washing water to the spray arm and a lower pump for discharging the washing water; and a filtering means for filtering the washing water, which includes a water collector formed at below a bottom surface of the case and in a washing water flow passage connected to the combined circulation/drain pump, a filter provided in the water collector for filtering out garbage, a filter self-cleansing means for performing a self-cleansing operation of the filter, a garbage collecting chamber that is provided below the bottom surface in the case and is connected to both a washing water discharge port of the upper pump and a drain flow passage of the lower pump, a fine filter mounted on a top surface of the garbage collecting chamber for filtering out the garbage from the washing water discharged upward, and a fine filter self-cleansing means for performing a self-cleansing operation of a fine filter.

According to the dishwasher of the present invention, there is an advantage in that a newly supplied washing water prevented from getting dirtier since foreign materials filtered out by means of the fine filter are smoothly discharged during the washing step.